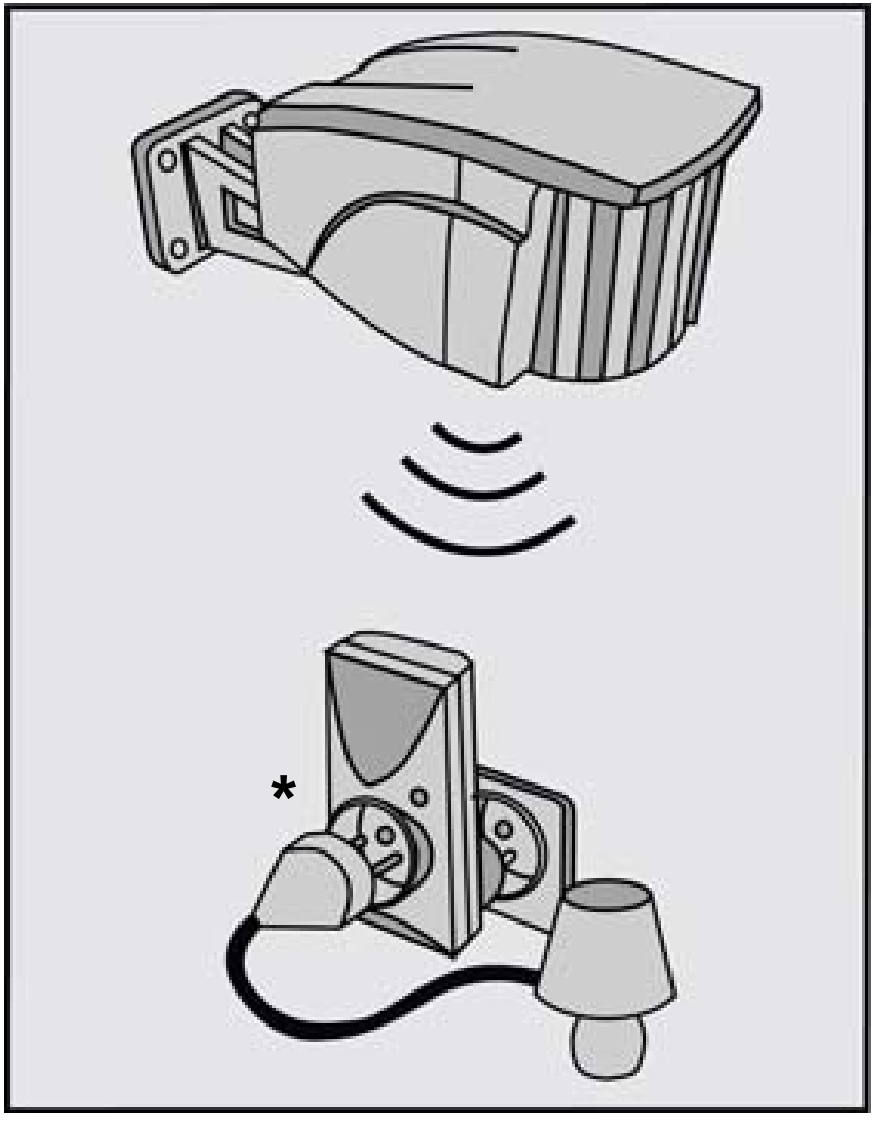
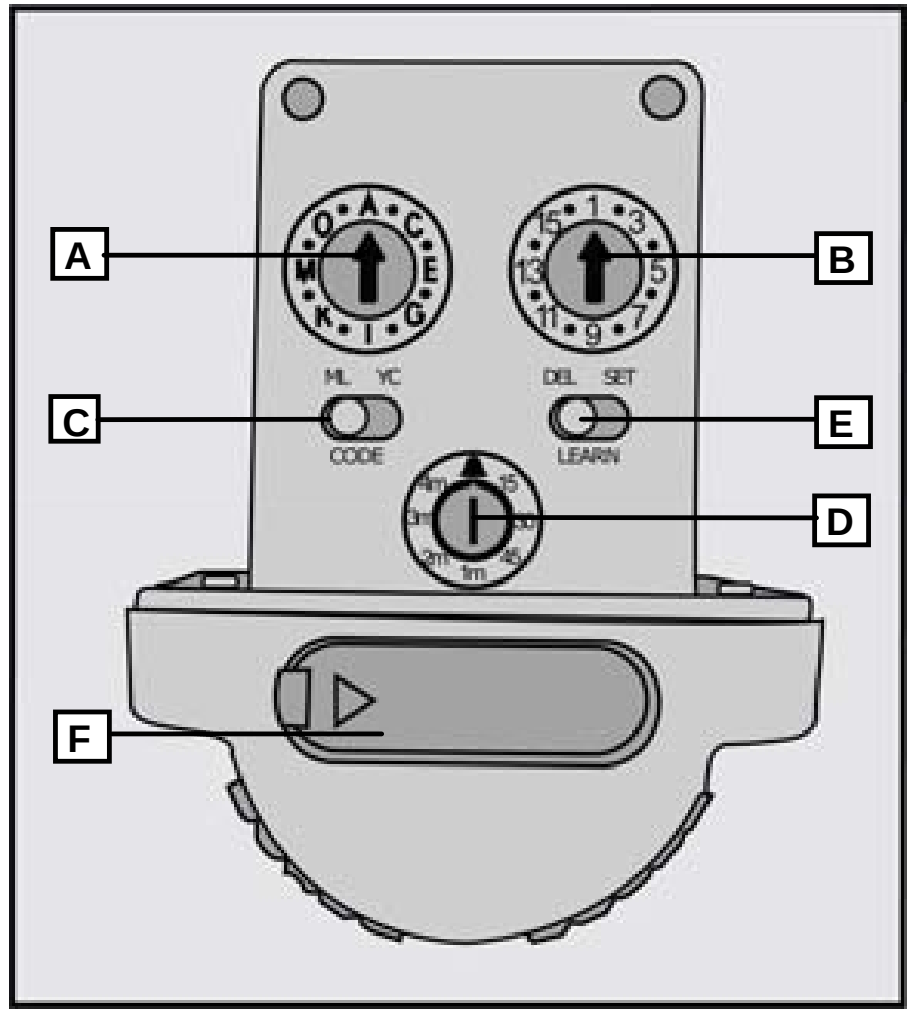
USER'S MANUAL
version 1.1

English

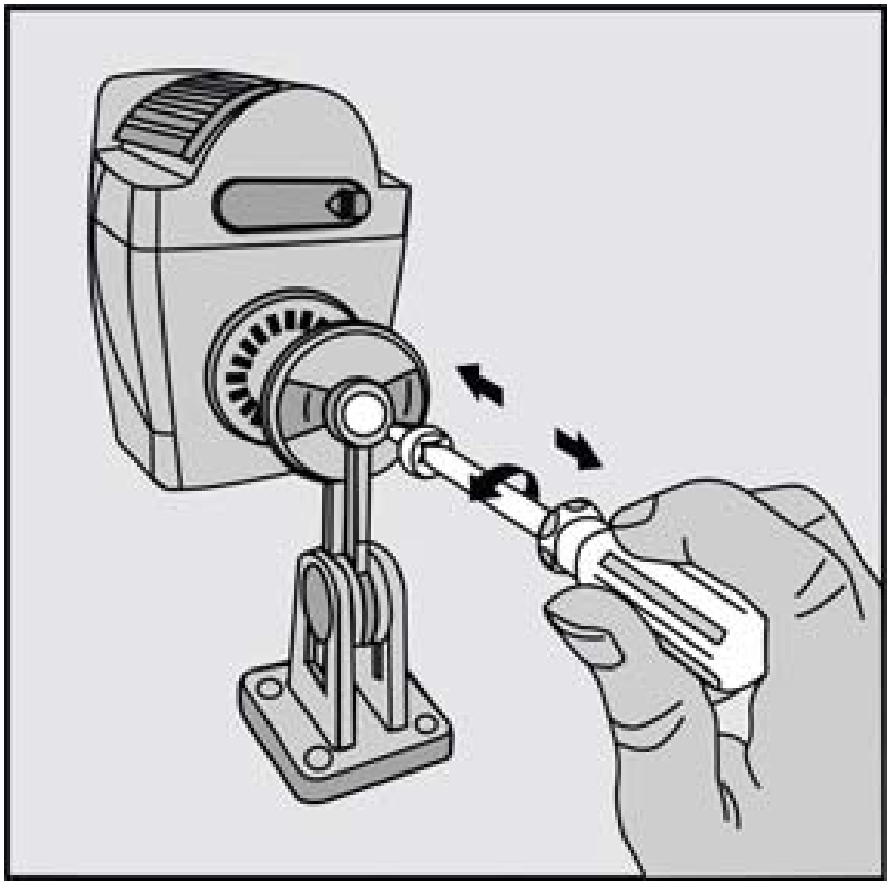
PIR-2050 WIRELESS MOTION SENSOR



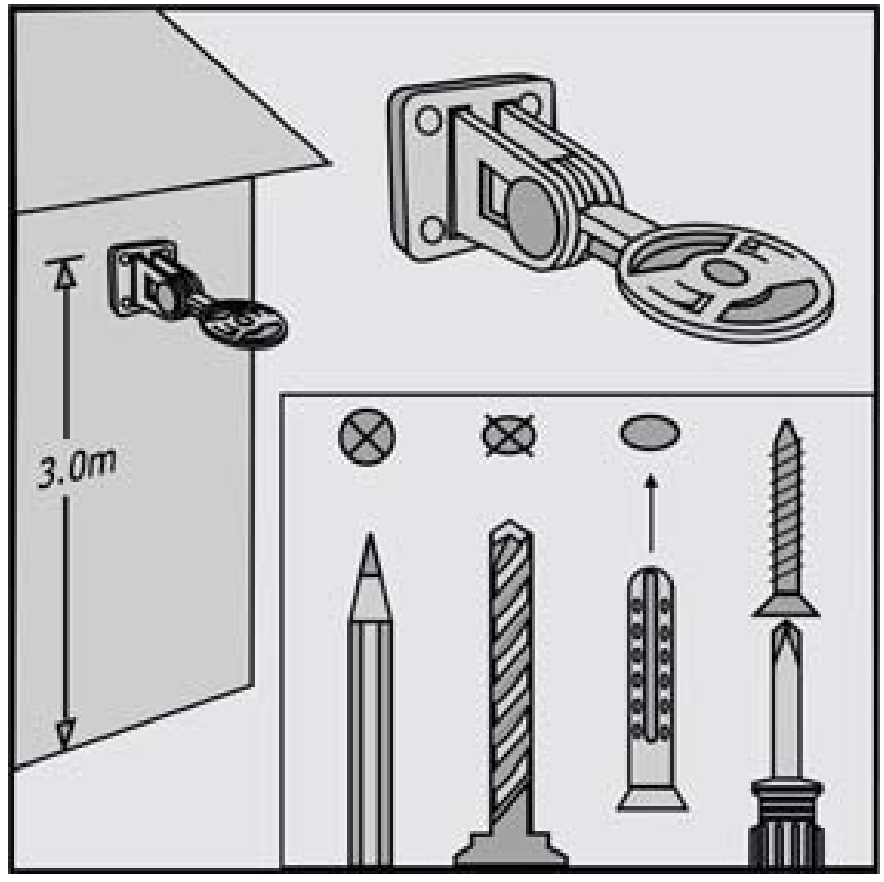
***** *Picture of an arbitrary COCO mains socket switch (not included)*



A: Letter code selector
B: Number code selector
C: Doorbell switch
D: Time switch
E: Automatic code switch
F: Protection cover with “Lux” switch and fastening clip



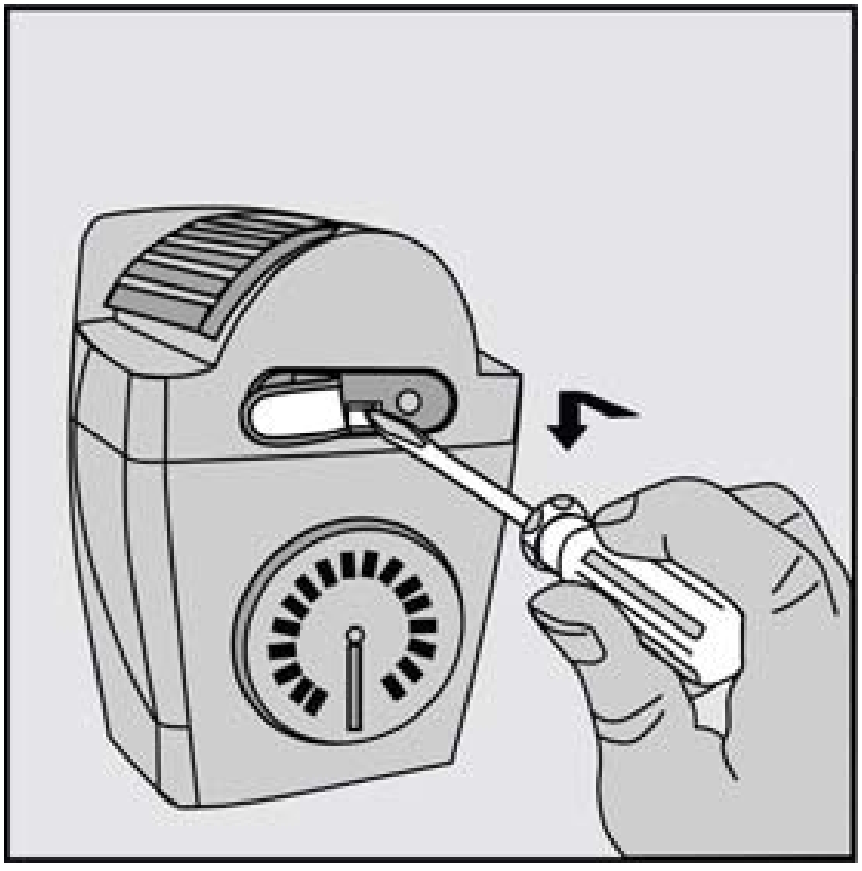
[1] Unscrew the bracket from the motion sensor.



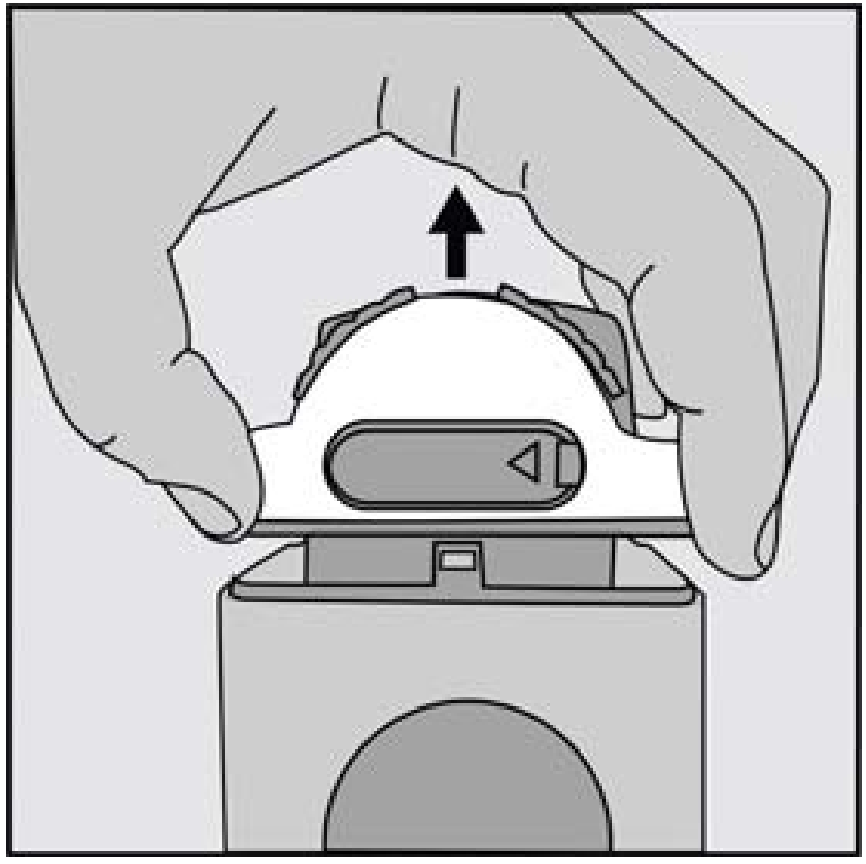
[2] Determine the desired mounting location and make the necessary holes. Attach the bracket to the wall.

⚠ *The standard height for a good detection range is 3 metres!*

⚠ *See **[12-13]** for more information about the range!*

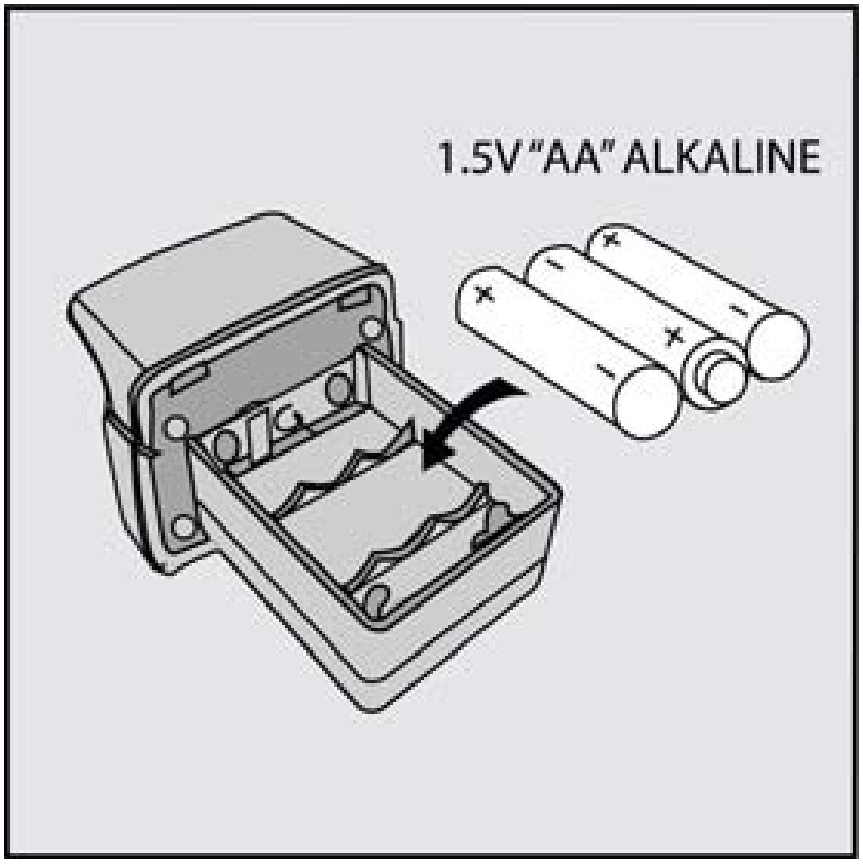


[3] Use a screwdriver to firmly press the tab (under the protection cover) inward. Now push the tab downward to release the sensor cover.

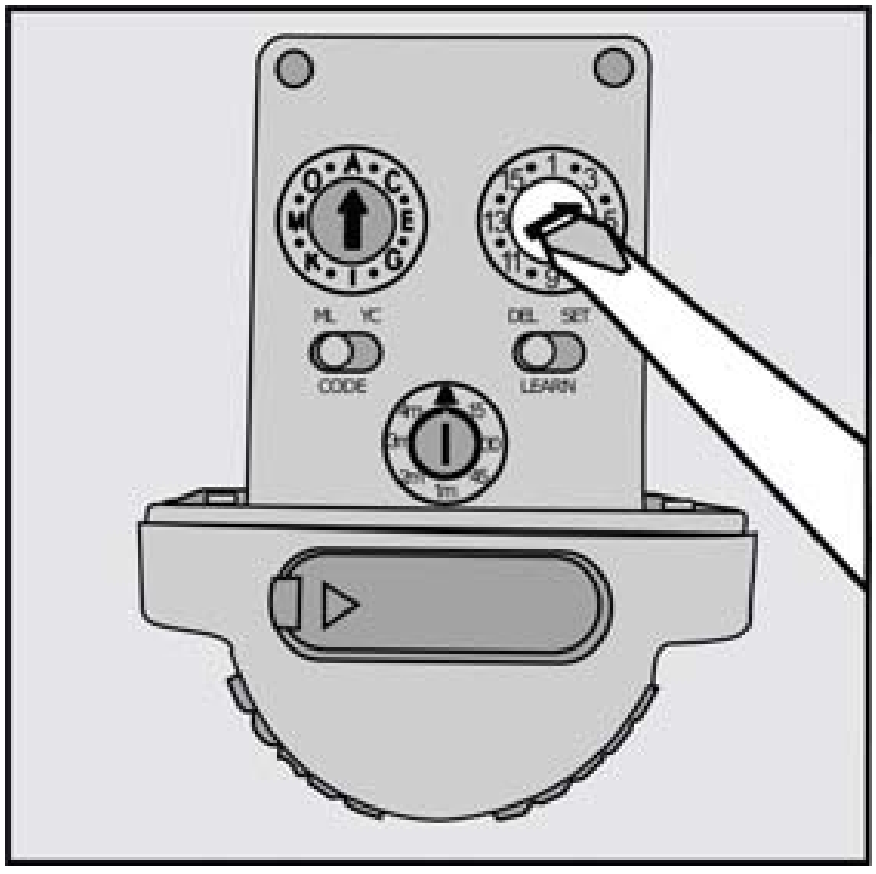


[4] Slide the sensor cover off of the housing.

⚠*Attention: There is a seal ring between the cover and the housing. Damage to this part may result in leakage!*

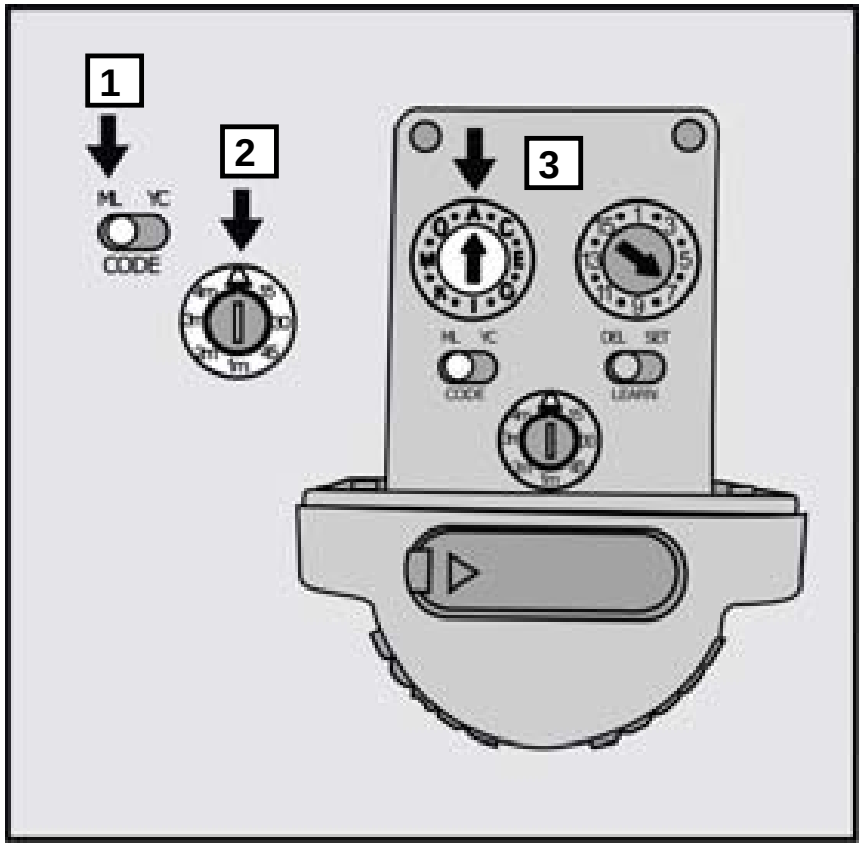


[5] Install 3 batteries. Pay attention to the correct orientation of the + and – poles (as shown on the inside).



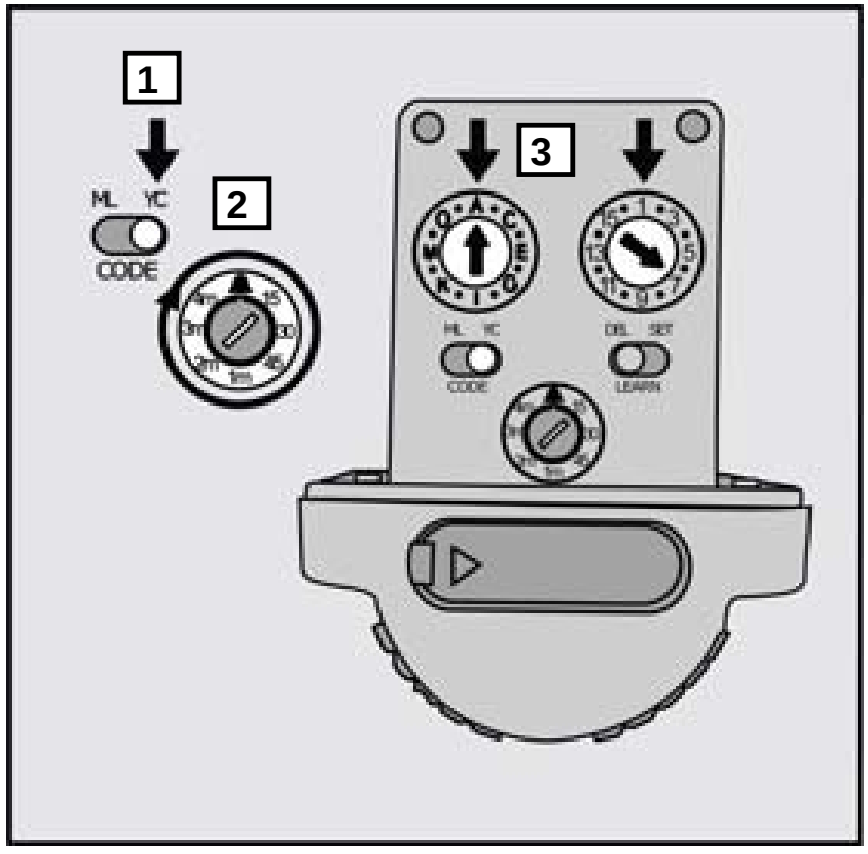
[6] Set the desired code. Follow the instructions in **[7 – 9]**.

⚠ *The setting is dependent on the type of receiver: **[7]** doorbell chime, **[8]** receiver with manual code, or **[9]** receiver with automatic code.*



[7] Linking to doorbell chime: (1) Set “Code” to “ML”. (2) Set the time switch to the bell symbol. (3) Set the letter selector to the same house code as your doorbell chime.

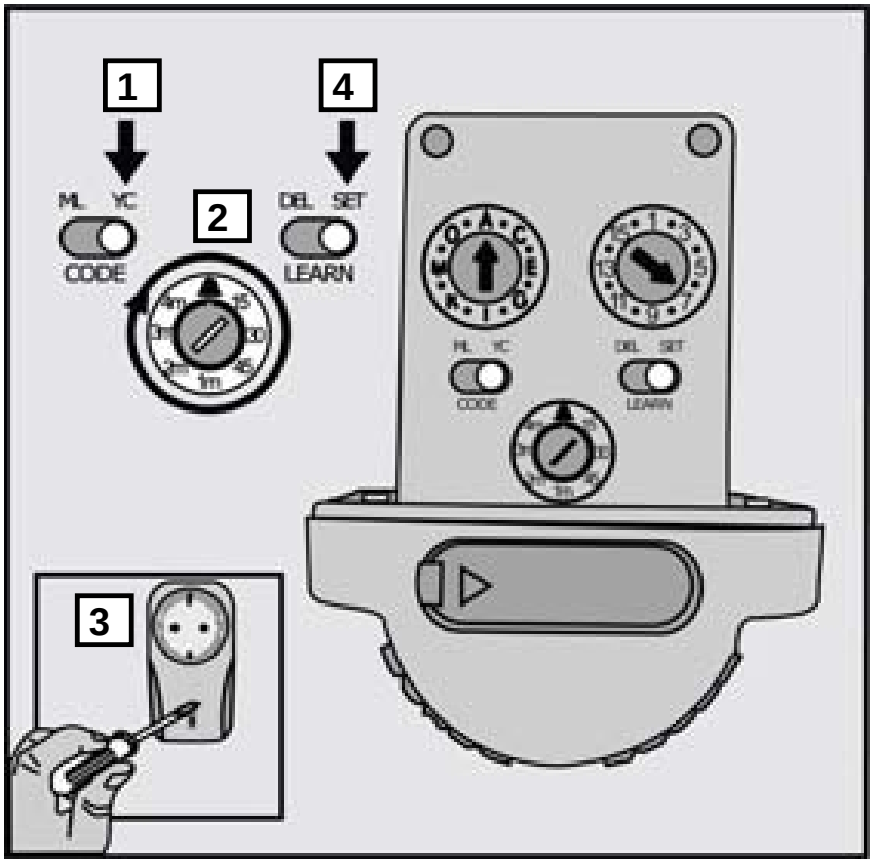
⚠ *Continue with **[10]**!*

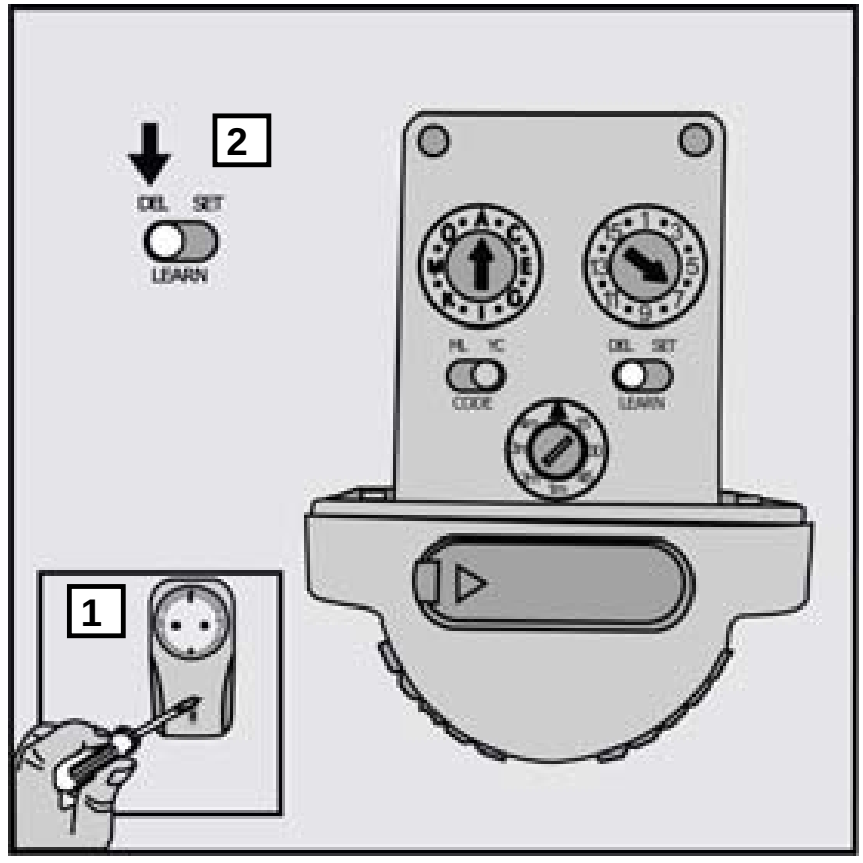


[8] Linking to receiver with manual code: (1) Set “Code” to “YC”. (2) Set the switch to the desired "switch off" time. (3) Set the number and letter selectors to the same code as on your receiver.

⚠ *Set the time switch to the bell symbol to set the "switch off" time to 4 sec. (minimum)!*

⚠ *Continue with **[10]**!*

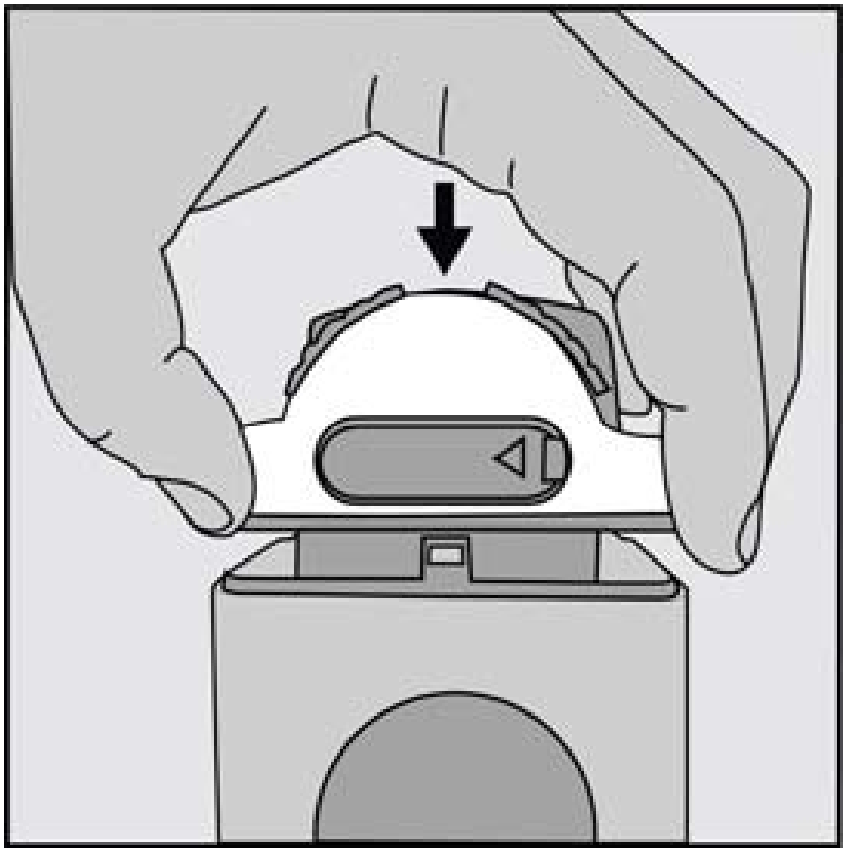




[9] Linking to receiver with automatic code: (1) Set “Code” to “YC”. (2) Set the switch to the desired "switch off" time. (3) Push the search mode button on your receiver. (4) Slide “Learn” to “Set” (the receiver switches on and off 2x to confirm).

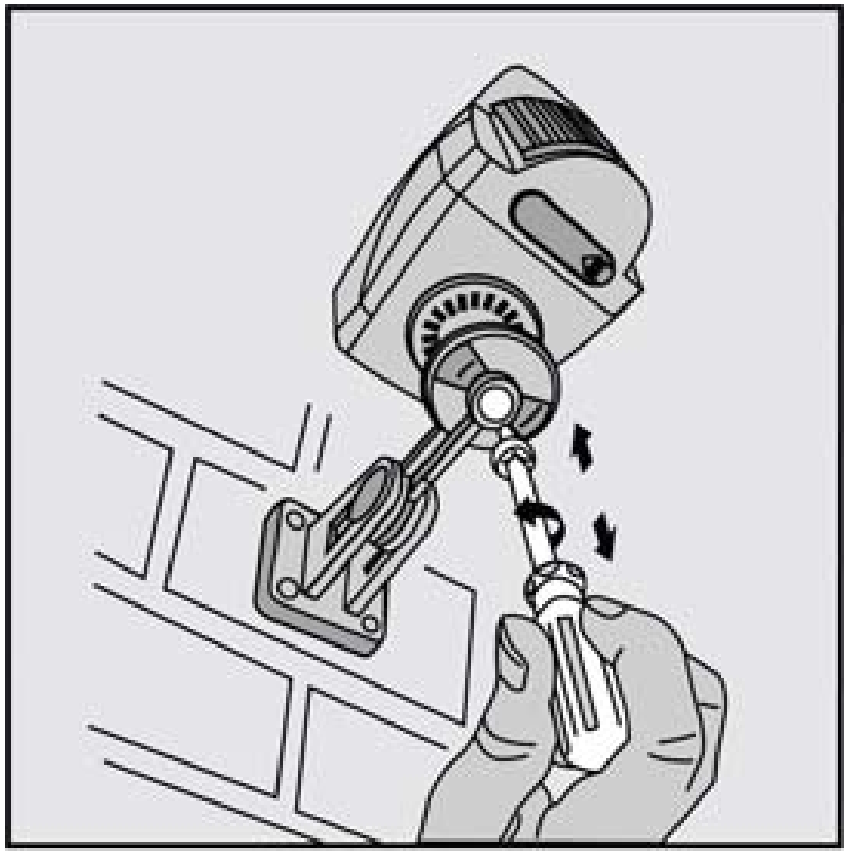
[9a] Deleting a code from the memory of the receiver: (1) Push the search mode button on your receiver. (2) Slide “Learn” to “Del” (the receiver switches on and off 2x to confirm).

⚠ *Continue with **[10]**!*

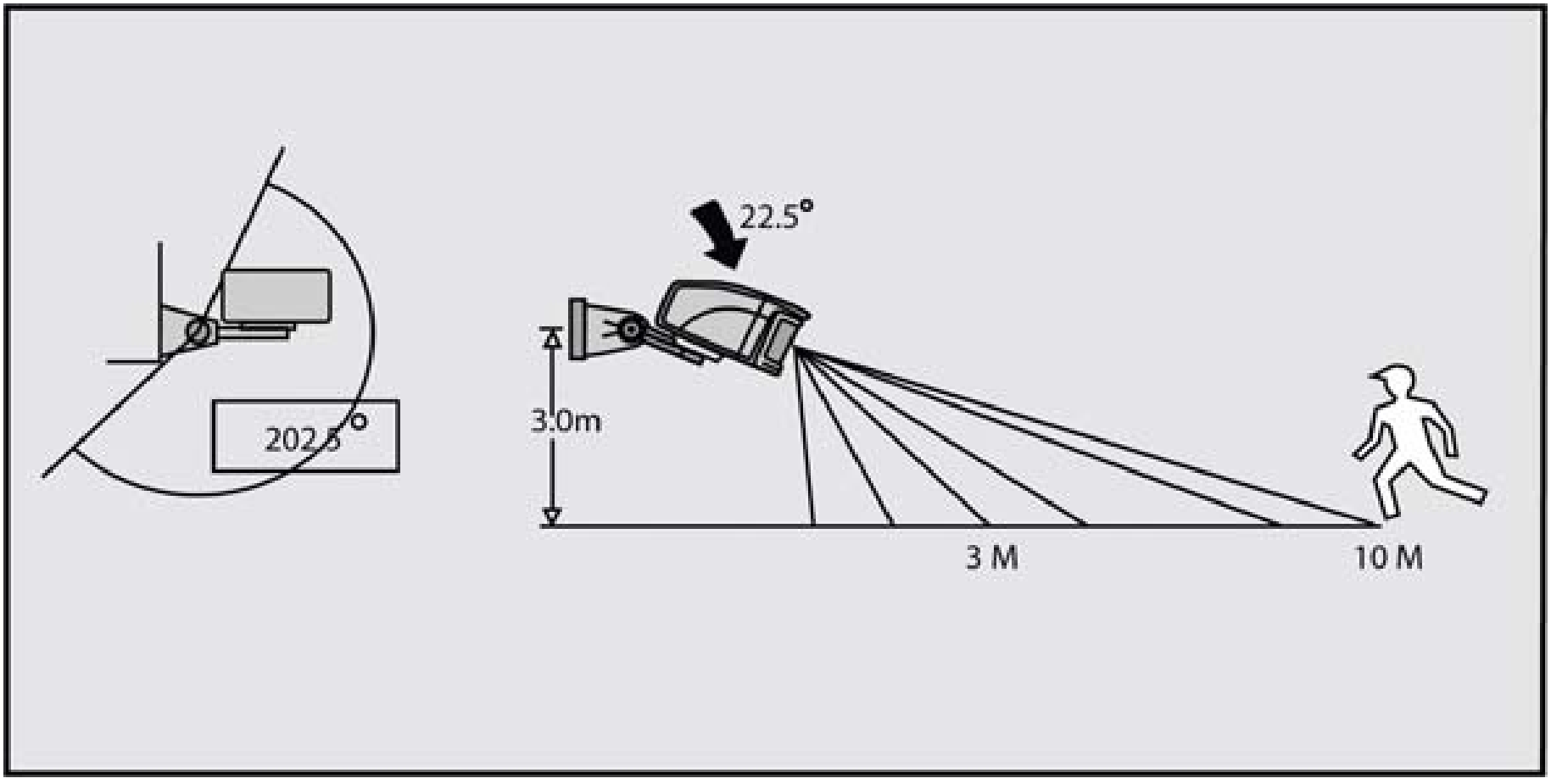


[10] Make sure the rubber seal ring is positioned properly. Click the cover onto the housing. Press the protection cover back in place.

⚠ *Incorrect installation of the seal ring or installation of a damaged ring can lead to leakage!*



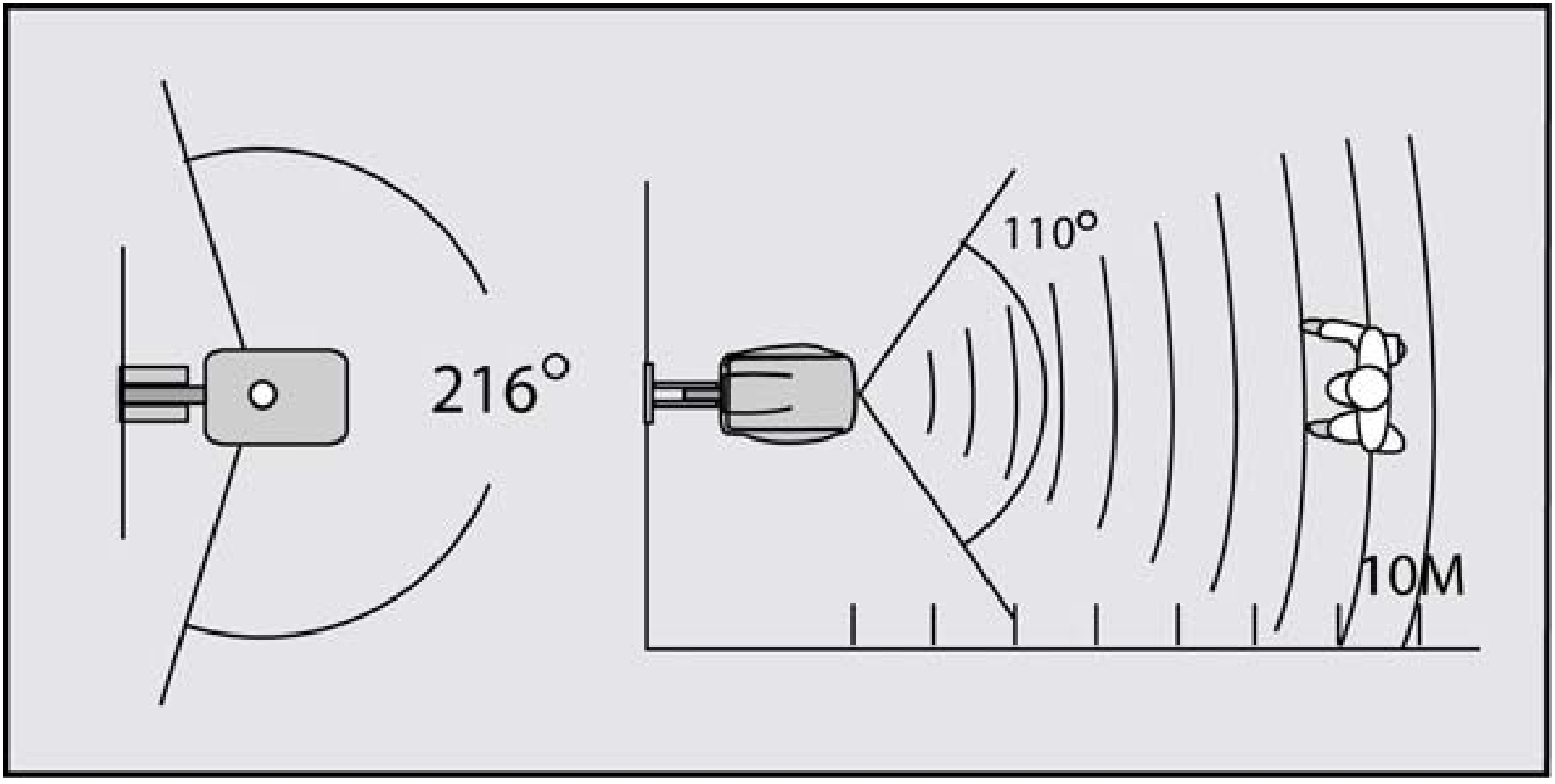
[11] Screw the motion sensor to the bracket.



[12] Tilt the motion sensor (upward or downward) to the desired angle. The motion sensor can be tilted through a total angle of 202.5 degrees.

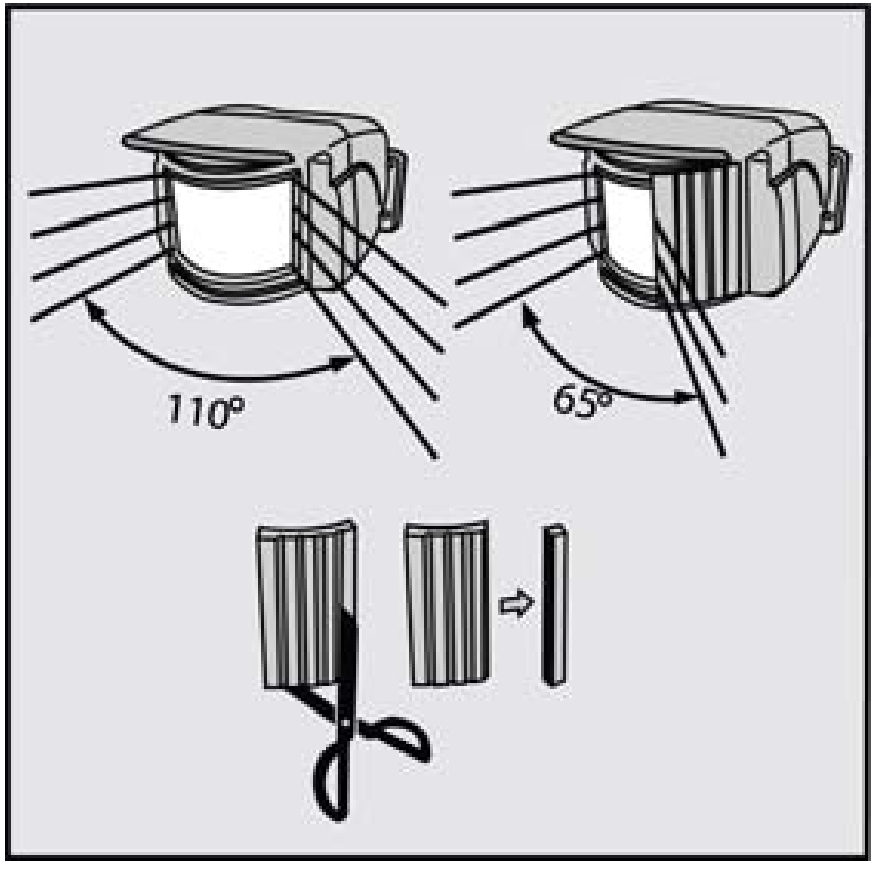
⚠ *The maximum range is 10 metres!*

⚠ *The sensor achieves its maximum range at a height of 3 metres and an angle of 22.5 degrees.*



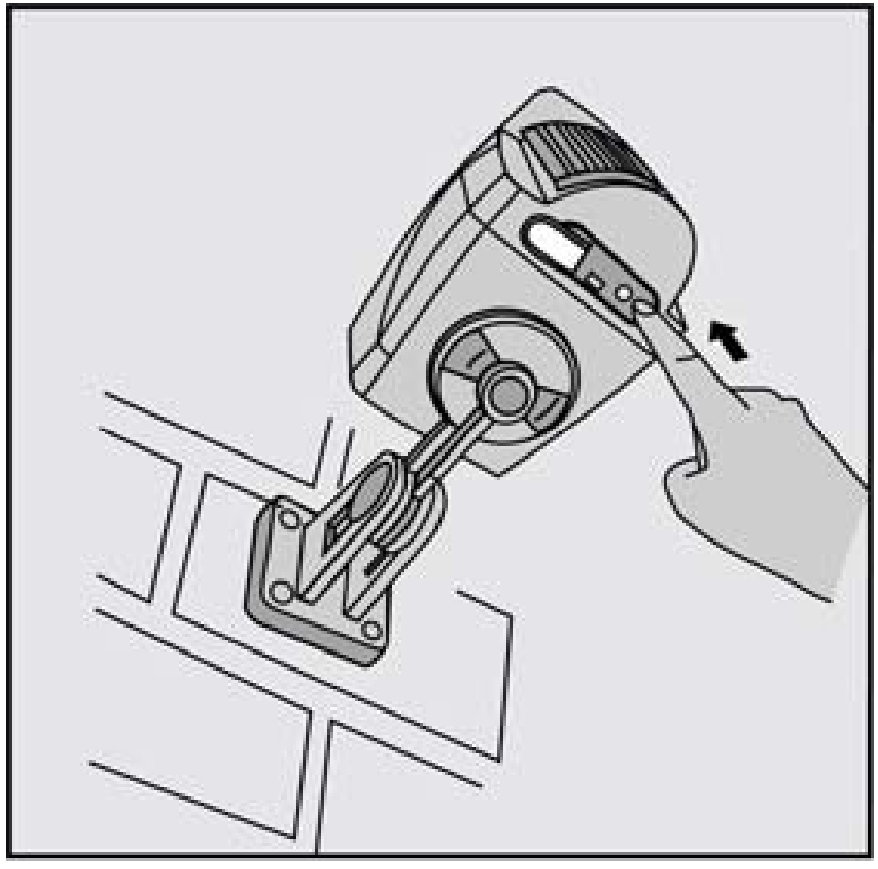
[13] Turn the motion sensor to the desired horizontal angle. The motion sensor can be turned through a total angle of 216 degrees.

⚠ *However, the horizontal sensor range never exceeds 110 degrees!*



[14] If necessary, move the sensor screens to adjust the sensor range.

⚠ *The sensor screens can be reduced in size if desired!*



[15] Press the “Lux” button on the sensor to set the desired light level.

⚠ *Example: Press the button at 9:00 p.m.* The sensor is now active and remembers this light level. When, for example, the same light level is reached at *7:00 a.m., the sensor goes into sleep mode. When the light level is reached again at 9:00 p.m., the sensor once again becomes active.*

Remarks

⚠ Reminders

- This product must be used in combination with at least one COCO receiver. The wireless system can be expanded indefinitely with other COCO remote controls and/or receivers.
- This product is a motion sensor (transmitter) for the wireless control of one or more receiver(s) when the built-in sensor detects motion.
- Consider objects such as trees or bushes within the detection range. When moved by wind or birds, the detector will respond to the unintended motion.
- This product can be used both with receivers with a manually set house code and those in which the code is set automatically.
- This product is splash-water resistant and can be placed outdoors under normal weather conditions as long as the tab (under the protection cover) and the seal ring (between the cover and the housing) are positioned properly.
- Be aware that the light level is lower during cloudy or rainy weather. This influences the measured light level.
- If the product does not work or does not work properly:
  - Check the correct placement and/or function of the batteries (replace if necessary).
  - Check step for step whether the concerned receiver is programmed correctly.
  - The chance that someone else nearby is using the same house code is extremely small. Nonetheless, to be sure, set the system to a different house code by repeating **[7]**, **[8]** or **[9]**.

⚠ Safety instructions

- Do not expose this product to excessive heat, direct sunlight or moisture.
- Remove the batteries from this product if it will not be used for an extended period.
- Do not attempt to repair this product. If the product is damaged or if you are in doubt about the proper operation, take the product back to the place of purchase.
- Never use COCO products for life support systems or other applications in which equipment malfunctions can have life-threatening consequences.

⚠ Power

- When some time has passed, if the concerned receiver no longer responds when the sensor should detect motion, replace the battery.
- Use only 1.5 Volt AAA alkaline batteries.
- Do not throw the batteries into an open fire.
- Respect the local regulations when disposing of batteries.

⚠ Wireless

- This product works using a radio signal that passes through walls, windows and doors. The range is maximum 75 metres in the open air. The range indoors is strongly influenced by local conditions such as concrete, glass and metals. On average, the indoor range is approximately 30 metres.
- New double glass often includes a thin metallic layer. This type of glazing ("**HR glass**") allows most visible light to pass through but has a negative impact on radio signals. If there is HR glass between the transmitter and receiver, you should expect a significant reduction of the range of the wireless signal.
- This product operates at a frequency of 433.92 MHz. It complies with the essential requirements and other conditions of R&TTE Directive 1999/5/EC and can be used in all EU countries.
- There may be restrictions on the use of this device outside the EU. If this device is used outside the EU, check whether the device complies with the local directives.

CE

This product complies with the essential requirements and other relevant provisions of the applicable European directives. The Declaration of Conformity (DoC) is available at www.coco-technology.com.

If possible, submit this product for recycling after use. Do not dispose of the product with household trash.

Warranty and copyright

This device is covered by a 2-year warranty that begins on the day of purchase. Visit www.coco-technology.com/warranty for additional information. Reprinting of (portions of) this manual without permission from Pan-Trade International B.V. is expressly prohibited.

PAN-TRADE INTERNATIONAL B.V.

P.O. BOX 126
4760 AC ZEVENBERGEN
THE NETHERLANDS
www.coco-technology.com

CE

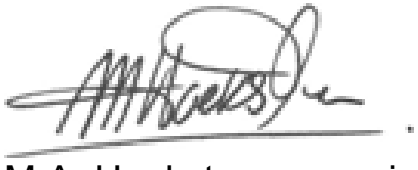
Declaration of Conformity

Pan-Trade International BV declares that the COCO product, model:

type designation	PIR-2050 WIRELESS MOTION SENSOR
item number	74019

is in compliance with the essential requirements and other relevant provisions of directives R&TTE 1999/5/EC, EMC 2004/108/EC and LVD 2006/95/EC and is compatible with the standards EN 300 220-1/3, EN 55015 and EN 301 489-1/3.

Manufacturer / Authorised representative,



M.A. Hoekstra, managing director
Zevenbergen, 2008-01-30